## 10765231\_CLSTITLES1.txt

Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 10765231 on April 14, 2006

```
342/357.1
                    (4 OR, 10 XR)
                          COMMUNICATIONS:
          Class
                   342 :
                                             DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
          342/350
                          DIRECTIVE
          342/352
342/357.01
                          .Including a satellite
                          ..With position indicating
...Using Global Positioning Satellite (GPS or
          342/357.06
                              Glonass)
                          ....Combined with telecommunication
          342/357.1
12
   342/357.09
                    (9 \text{ OR}, 3 \cdot XR)
                   342 :
                          COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
          Class
                            AND DEVICES
          342/350
                          DIRECTIVE
          342/352
342/357.01
                          .Including a satellite
                          ..With position indicating
...Using Global Positioning Satellite (GPS or
          342/357.06
                              Glonass)
          342/357.09
                          ....With transmission of location-indicative
                             information to or from a remote station
                    (0 OR, 10 XR)
10
   701/213
          Class
                   701: DATA PROCESSING: VEHICLES, NAVIGATION, AND
                            RELATIVE LOCATION
          701/200
                         NAVIGATION
          701/207
                          .Employing position determining equipment
          701/213
                          .. Using Global Positioning System (GPS)
                    (7 OR, 1 XR)
    342/357.03
          Class
                   342 :
                          COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
          342/350
                         DIRECTIVE
          342/352
                          .Including a satellite
                          ..With position indicating
          342/357.01
          342/357.02
                          ...With accuracy enhancing
          342/357.03
                          .... Using differential correction
    342/357.06
                    (2 \text{ OR}, 6 \cdot \text{XR})
                   342:
         Class
                          COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
         342/350
                         DIRECTIVE
         342/352
342/357.01
                          .Including a satellite
                          ..With position indicating
          342/357.06
                          ... Using Global Positioning Satellite (GPS or
                            Glonass)
    342/457
                    (0 \text{ OR}, 7 \text{ XR})
         Class
                   342 :
                          COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
         342/350
                         DIRECTIVE
          342/450
                         .Position indicating (e.g., triangulation)
         342/457
                         ..Land vehicle location (e.g., bus, police car
    342/357.01
                    (0 \text{ OR}, 6 \text{ XR})
         Class
                   342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
         342/350
                         DIRECTIVE
         342/352
                         .Including a satellite
                                          Page 1
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10765231_CLSTITLES1.txt
      342/357.01
                      ..With position indicating
342/357.12
                 (2 OR, 3 XR)
               342 :
                       COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
      Class
                         AND DEVICES
      342/350
                      DIRECTIVE
                      ...Using Global Positioning Satellite (GPS or
      342/352
342/357.01
342/357.06
                           Glonass)
      342/357.12
                      ....GPS receiver signal processing
342/357.15
                (2 OR, 2 XR)
               342:
      Class
                       COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
      342/350
                      DIRECTIVE
      342/352
342/357.01
                      .Including a satellite
                      ..With position indicating
...Using Global Positioning Satellite (GPS or
      342/357.06
                           Glonass)
      342/357.15
                      ....Satellite selection (i.e., tracking or
                          acquisition)
342/387
                 (3 OR, 0 XR)
               342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
      Class
                        AND DEVICES
      342/350
                      DIRECTIVE
      342/385
                      .Beacon or receiver
      342/386
                      ..With transmisson of bearing or position
                           determinative signals
      342/387
                      ...Iso-chronic type
701/215
                (0 OR, 3 XR)
               701: DATA PROCESSING: VEHICLES, NAVIGATION, AND
      Class
                        RELATIVE LOCATION
      701/200
                      NAVIGATION
      701/207
                      .Employing position determining equipment .. Using Global Positioning System (GPS)
      701/213
      701/214
                      ... Means to improve accuracy of position or
                           location
      701/215
                      ....Having multiple GPS antennas or receivers
                         (e.g., differential GPS)
342/355
                (0 \text{ OR}, 2 \text{ XR})
      Class
               342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
      342/350
                      DIRECTIVE
      342/352
                      .Including a satellite
      342/355
                      ..With control of satellite altitude
342/357.05
                (1 OR, 1 XR)
                       COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
               342 :
      Class
                        AND DEVICES
      342/350
                      DIRECTIVE
      342/352
                      .Including a satellite
..With position indicating
...Using Doppler frequency shift
      342/357.01
      342/357.05
342/357.07
                (1 \text{ OR}, 1 \text{ XR})
      Class
               342 :
                      COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
      342/350
                      DIRECTIVE
      342/352
                      .Including a satellite
                                       Page 2
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10765231_CLSTITLES1.txt
       342/357.01
                       ..With position indicating
       342/357.06
                       ...Using Global Positioning Satellite (GPS or
                            Glonass)
       342/357.07
                       ....Tracking or monitoring (i.e., lost or
                          stolen vehicles)
                (2 OR, 0 XR)
342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
342/357.08
       Class
                         AND DEVICES
       342/350
                       DIRECTIVE
       342/352
                       .Including a satellite
       342/357.01
                       ..With position indicating
       342/357.06
                       ... Using Global Positioning Satellite (GPS or
                            Glonass)
                       ....Determining relative position (e.g., distance or direction)
       342/357.08
                 (0 OR, 2 XR)
42 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
342/357.13
       Class
                342:
       342/350
                       DIRECTIVE
       342/352
                       .Including a satellite
       342/357.01
                       ..With position indicating
       342/357.06
                       ... Using Global Positioning Satellite (GPS or
                           Glonass)
                       ....With storage device (i.e., map or database)
       342/357.13
342/357.14
                 (0 OR, 2 XR)
                        COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
      Class
                342 :
                         AND DEVICES
       342/350
                       DIRECTIVE
      342/352
342/357.01
                       .Including a satellite
..With position indicating
       342/357.06
                       ...Using Global Positioning Satellite (GPS or
                           Glonass)
      342/357.14
                       ....Combined with secondary navigation system (i.e., LORAN, gyroscope, inertial, dead reckoning, etc.)
342/358
                 (0 \text{ OR}, 2 \text{ XR})
      Class
                342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                         AND DEVICES
      342/350
342/352
                      DIRECTIVE
                       .Including a satellite
      342/358
                       ..With satellite signal correction
               (0 OR, 2 XR)
455 : TELECOMMUNICATIONS
455/404.2
      Class
      455/403
                       RADIOTELEPHONE SYSTEM
      455/404.1
                       .Emergency or alarm communication
      455/404.2
                       ..Location monitoring
                 (1 OR, 1 XR)
55 : TELECOMMUNICATIONS
455/456.1
               455 :
      Class
      455/403
                      RADIOTELEPHONE SYSTEM .Zoned or cellular telephone system
      455/422.1
      455/456.1
                      ..Location monitoring
455/456.2
               (1 OR, 1 XR)
455 : TELECOMMUNICATIONS
      Class
      455/403
455/422.1
                      RADIOTELEPHONE SYSTEM
                      .Zoned or cellular telephone system
      455/456.1
                      ..Location monitoring
                                        Page 3
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## 10765231\_CLSTITLES1.txt 455/456.2 ...Based on request signal 2 455/456.3 (1 OR, 1 XR)455: Class **TELECOMMUNICATIONS** 455/403 RADIOTELEPHONE SYSTEM 455/422.1 .Zoned or cellular telephone system 455/456.1 ..Location monitoring 455/456.3 ...Position based personal service (0 OR, 2 XR) 455 : TELECOMMUNICATIONS 455/456.5 Class 455/403 RADIOTELEPHONE SYSTEM 455/422.1 .Zoned or cellular telephone system 455/456.1 ..Location monitoring 455/456.5 ...At system equipment (i.e., base station) (2 OR, 0 XR) 701/13 701 : Class DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION 701/3 .Aeronautical vehicle 701/4 ..Altitude or attitude control or indication 701/13 ...Spacecraft or satellite (0 OR, 2 XR)701/200 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION 701/200 **NAVIGATION** 701/214 (1 OR, 1 XR)701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND class RELATIVE LOCATION 701/200 **NAVIGATION** .Employing position determining equipment .. Using Global Positioning System (GPS) 701/207 701/213 701/214 ...Means to improve accuracy of position or

location

## 10765231\_CLS1.txt Most Frequently Occurring Classifications of Patents Returned From A Search of 10765231 on April 14, 2006

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Original Classifications
            342/357.09
342/357.03
342/357.1
342/387
342/357.06
342/357.08
      3
              342/357.12
342/357.15
      2
              701/13
 Cross-Reference Classifications
   10 342/357.1
10 701/213
              342/457
342/357.01
342/357.06
342/357.09
      7
      6
      6
      3
             342/357.09
342/357.12
701/215
342/355
342/357.13
342/357.14
342/357.15
342/358
455/404.2
455/456.5
      33222
      2 2 2
              701/200
Combined Classifications

14 342/357.1

12 342/357.09

10 701/213

8 342/357.03

8 342/357.06

7 342/457
              342/357.01
      6
             342/357.01
342/357.12
342/357.15
342/387
701/215
342/355
342/357.05
342/357.07
      5
      4
     3322222222222222
              342/357.13
342/357.14
             342/358
455/404.2
455/456.1
455/456.2
455/456.3
              455/456.5
              701/13
              701/200
              701/214
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